

DEPARTMENT OF THE ARMY
US ARMY INFORMATION SYSTEMS SOFTWARE CENTER
EXECUTIVE SOFTWARE SYSTEMS DIRECTORATE
FORT BELVOIR, VIRGINIA 22060-5576

AMSEL-RD-SE-IS-ESC

DATE: 17 May 1999

MEMORANDUM FOR CIF USERS

SUBJECT: Software Version Description (SVD) for Installation
Support Module (ISM) Central Issue Facility (CIF) Interim
Change Package (ICP) LA2-A09-03-01-A

1. Enclosed is ICP LA2-A09-03-01-A which provides a formal change to the Central Issue Facility (CIF) ISM.
2. Acknowledgement of installation of this ICP must be made IAW instructions provided in Enclosure 1.
3. This memorandum certifies that the ISM subject software has been thoroughly tested, is considered to be a quality product, and is hereby authorized for release to a production environment.
4. Security Implications: NONE.

Encl

LTC, AD
Director
Executive Software Systems

Change Control Package Number: LA2-A09-03-01-A

SOFTWARE VERSION DESCRIPTION (SVD) FOR
CENTRAL ISSUE FACILITY (CIF)
SYSTEM INTERIM CHANGE PACKAGE (ICP) (LA2-A09-03-01-A)

U.S.ARMY INFORMATION SYSTEMS
SOFTWARE CENTER
EXECUTIVE SOFTWARE SYSTEMS DIRECTORATE
FORT BELVOIR, VA 22060-5456

17 May 1999

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1. Scope.

1.1 Identification. This Software Version Description (SVD) applies to the Central Issue Facility (CIF) running on Army Standard Information Management System (ASIMS) and networked AIX version 4.2 operating system on UNIX platforms.

1.2 System Overview. CIF is part of the ISM Project which is an army-wide Major Automated Information System (MAIS) initiative. The primary objective of ISM is to enhance, through automation, installation management functions. ISM applications consist of standard procedures packaged into functional applications which automate as well as integrate day-to-day installation processes. ISM applications use the Installation Level Integrated Data Base (ILIDB), which is the central repository for data that is common to more than one ISM application, and various local databases that contain data elements unique to the individual ISM applications.

The purpose of the CIF ISM is to provide precise management of organizational clothing and individual equipment (OCIE) in a central issue facility. Benefits expected from using CIF include

improved overall property management, increased accuracy and timeliness of CIF information, and decreased administrative costs. CIF functions are computing and maintaining stockage levels, processing and documenting OCIE records, maintaining supply records, and preparing required reports.

1.3 Document Overview. This document provides the instructions necessary for the implementation of the formal Interim Change Package (ICP) LA2-A09-03-01-A of CIF. It informs the users of the changes made to the system and provides Point of Contacts (POCs) to be contacted in case of problems.

2. Referenced Documents.

2.1 Referenced Documents. This paragraph has been tailored out.

3. Version Description.

3.1 Inventory of Materials Released. This paragraph has been tailored out.

3.2 Inventory of Software Contents. Hardware platform - ASIMS/ AIX OS users (installation supported). This change

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package contains the following files.

<u>PROGRAM</u>	<u>VERSION</u>	<u>UPDATE</u>
cif_03.01f.cpio.Z	0301f	17 May 1999
install_cif_03.01f	0301f	12 May 1999
README.cif_03.01f	0301f	12 May 1999

3.3 Changes Installed.

3.3.1 Corrector Descriptions - Technical.

1. ECP-S/E LA2-A15N-002
 - A. CYCLES: None.
 - B. PROGRAM: CIF
 - C. PROBLEM: QPBS report request rejects LIN numbers allowing only LIN/SIZ or NSN as arguments.
 - D. RESOLUTION: Modified code to allow "ALL" as an argument.
 - E. ICP: LA2-A09-03-01.
2. ECP-S/E LA2-A150-160
 - A. CYCLES: None.
 - B. PROGRAM: CIF
 - C. PROBLEM: Minor Leap Year Issue. Code does not check for leap years. Also allows all years to have 366 days.
 - D. RESOLUTION: Modified code to call correct function that validates leap year.
 - E. ICP: LA2-A09-03-01.
3. ECP-S/E LA2-A150-161
 - A. CYCLES: None.
 - B. PROGRAM: CIF
 - C. PROBLEM: Incorrect use of getdate function. The getdate() function as used to replace old code is not used clearly. If the date does not valid properly, then supplies may not be returned.
 - D. RESOLUTION: Modified code to check date from form instead of calling the getdate function to get the current day's date.
 - E. ICP: LA2-A09-03-01.
4. ECP-S # LA2-A150-164
 - A. CYCLES: None.
 - B. PROGRAM: CIF
 - C. PROBLEM: The code comment says the YY format is handled, but this is not obvious in the

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- code -verification is required.
- D. RESOLUTION: Added call to Ver_Date in word date function to make sure date is in YYYY/MM/DD format.
- E. ICP: LA2-A09-03-01.
5. ECP-S # LA2-A15M-001
- A. CYCLES: None.
- B. PROGRAM: CIF
- C. PROBLEM: Sorting or 'ORDER BY' clauses with indexes using 1- and 2-digit years will result in the incorrect ordering of records with a date in the 21st century.
- D. RESOLUTION: Changed database tables and code throughout the application.
- E. ICP: LA2-A09-03-01.
6. ECP-S # LA2-A15M-002
- A. CYCLES: None.
- B. PROGRAM: CIF
- C. PROBLEM: The code computing dates may not calculate the correct date and date comparisons that occur where only one date has crossed the year 2000 boundary will fail.
- D. RESOLUTION: Using function acm_add_days_jul to calculate date and acm_get_diff_jul to get date comparisons.
- E. ICP: LA2-A09-03-01.
7. ECP-S # LA2-A15M-003
- A. CYCLES: None.
- B. PROGRAM: CIF
- D. PROBLEM: Comparisons involving 1-digit year Julian dates will produce incorrect results when the end date is in the year 2000.
- C. RESOLUTION: Added new variables and used acm_y2k_num_jul function.
- E. ICP: LA2-A09-03-01.
8. ECP-S # LA2-A15M-006
- A. CYCLES: None.
- B. PROGRAM: CIF
- C. PROBLEM: The function day_of_year() can cause incorrect century calculations.
- D. RESOLUTION: Modified cm_cut_delta_d so that years less than or equal to 49 are equal to 20XX and 49 less than years less than or equal to 99

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- are equal to 19XX. Modified date_verify(),
assuming valid years are 1950 and after.
Eliminated the use of century when padding
"19" to 2-digit year.
- E. ICP: LA2-A09-03-01.
9. ECP-S # LA2-A15M-007
A. CYCLES: None.
B. PROGRAM: CIF
C. PROBLEM: In the routine C_CMCMPDDS.C, zeroing out
the portion of the date not being compared
would be the same as having a single-digit
or double-digit year equal to 0 for the
year
2000, which could result in the 2-digit
year
'00' being ignored.
D. RESOLUTION: Changed function de_comps so that it
compares years correctly. Modified
set_up_scale to reset scale.
E. ICP: LA2-A09-03-01.
10. ECP-S # LA2-A15M-009
A. CYCLES: None.
B. PROGRAM: CIF
C. PROBLEM: Where local time year is used as a 4-
position year and local time year is
defined as the number of years since 1900,
the year '2000' would be displayed as
'100'.
D. RESOLUTION: Corrected tm_year wherever necessary by
adding 1900 to ensure proper results.
E. ICP: LA2-A09-03-01.
11. ECP-S # LA2-A15M-010
A. CYCLES: None.
B. PROGRAM: CIF
C. PROBLEM: Current code allows years to be identified
as leap years even when 29 Feb. does not
exist for that year.
D. RESOLUTION: Using new function, acm_valid_julian. To
test if date is valid.
E. ICP: LA2-A09-03-01.

3.3.2 Corrector Descriptions - Functional. None

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3.3.3 Summary of Changes.

- a. Copy library member changes.
 - 1. Changed: None.
 - 2. Deleted: None.
 - 3. Added: None.
- b. Control library member changes.
 - 1. Changed: None.
 - 2. Deleted: None.
 - 3. Added: None.

3.4 Adaptation Data. This paragraph has been tailored out.

3.5 Related Documents.

3.5.1 Technical Documentation Changes. A new AIX version of Software Center Operator Manual (SCOM), AISM 25-LA2-A09-AIX-SCOM dated 10 January 1999 has been issued. This current version of AISM 25-LA2-A09-AIX-SCOM may be obtained from:

U.S.Army Information Systems Software Center
Executive Software Systems Directorate
Attn: AMSEL-RD-SE-IS-ESC, Stop H-6.
Fort Belvoir, VA 22060-5576.

3.5.2 Functional Manual Changes. A new AIX version of SoftwareUser Manual (SUM), AISM 25-LA2-A09-AIX-SUM dated 01 April 1999 has been issued. This current version of AISM 25-LA2-A09-AIX-SUM may be obtained from:

U.S.Army Information Systems Software Center
Executive Software Systems Directorate
Attn: AMSEL-RD-SE-IS-ESC, Stop H-6.
Fort Belvoir, VA 22060-5576.

3.6 Installation Instructions. These instructions explain how to install CIF ICP LA2-A09-03-01-A onto the host computer at the installations.

Pre-Install Procedure. Before beginning to install CIF ICP LA2-A09-03-01-A onto the ISM host computer, follow this procedure to make sure you have the information you will need when installing.

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STEP 1. Verify Oracle. The Oracle RDBMS must reside on the host and be on-line.

Install Procedure. This procedure installs ICP 03.01 for CIF R03.01 onto the ANSOC server. This portion of CIF R03.01 must be installed on each server at the ANSOC.

STEP 1: Make sure there is a login account and directory for "CIF".

STEP 2: Login with the login name of "root".

STEP 3: Change directory to /usr/tmp. Make a directory named "CIFICP.0301".

STEP 4: Change directory to /usr/tmp/CIFICP.0301. Copy the following files to /usr/tmp/CIFICP.0301.

cif_03.01f.cpio.Z	28474500	17 May 1999
install_cif_03.01f	3911	12 May 1999
README.cif_03.01f	899	12 May 1999

STEP 5: Execute the following commands:

```
chmod 777 install_cif_0301 <Enter>
./install_cif_0301 <Enter>
./install_prg <Enter>
```

STEP 6: The install_cif_0301 will complete the following:

- (1) Display the amount of available disk space on the system being installed to. <enter> key must be pressed to continue with the installation.
- (2) Backup the SITE_DIR to SITE_DIR_SAVE.

STEP 7: Furthermore, the installation script will:

- (1) Un-compress the cif_0301.cpio.Z file. Then it will un-cpio the cif_0301.cpio file into the home directory of user "CIF".
- (2) Restore the backup files from CIF SITE_DIR to APP_BASE directory.
- (3) Copy the letters directory to the SITE_DIR directory.
- (4) Change the ownership of the files.

letters

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- (5) Run alter CIF if there are any database changes required.
- (6) It will record all output(s) from each of the steps performed in a file named "cif_0301.log" located in the /tmp/CIFICP.0301 directory.

NOTE: The resulting log, cif_0301.log, should then be copied to the directory /files/home/staff/sdcw upon termination of the installation process. This resulting log should then be reviewed.

3.6.1 Installation Effective Date. This ICP should be immediately implemented upon receipt or NLT 30 days from date of receipt.

3.6.2 Security Implications. This paragraph has been tailored out.

3.6.3 ANSOC Installation Instructions. All users receive the same baseline with change package number through e-mail and Status Tracking and Reporting System (STARS) Bulletin Board System (BBS). This change package contains the following files:

<u>Quantity</u>	<u>File ID</u>	<u>System</u>	<u>Change Package</u>
1	cif_03.01f.cpio.Z	AIX OS 4.2	LA2-A09-03-01-
A	README.cif_03.01f		
	install_cif_03.01f		

Ensure that all master file backups have been completed prior to loading this package.

Use these load instructions to develop load procedures that work best for your installation.

Due to various user configurations, each installation must determine appropriate block-size and library allocations. Users must not, repeat, must not, make changes to the files. Security impact: None.

3.6.4 Special Installation Instructions - All Users. None.

3.6.5 Point of Contact. If there are any problems or questions with the installation, or any shortage to the contents of this package, call the Army Network and Systems Operator Center (ANSOC), Ft.Huachuca: DSN 879-6798/6858 or 1-800-305-3036.

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3.6.6 Report of Implementation. Implementation of this change package must be reported by completing the change package implementation form. This report must be sent to Ft.Huachuca using Fax or mail.

3.7 Possible Problems and Known Errors. This paragraph has been tailored out.

4.0 Notes.

4.1 Notes. This paragraph has been tailored out.